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(71) Applicant (for all designated States except US): MATRIXVIEW PTE. LTD. [SG/SG]; 9 Shenton Way, #05-02, Singapore 068813 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): THIAGARAJAN, Arvind [IN/IN]; H24/6, Vaigai Street, Besant Nagar, 600090 Chennai, Tamil Nadu (IN).

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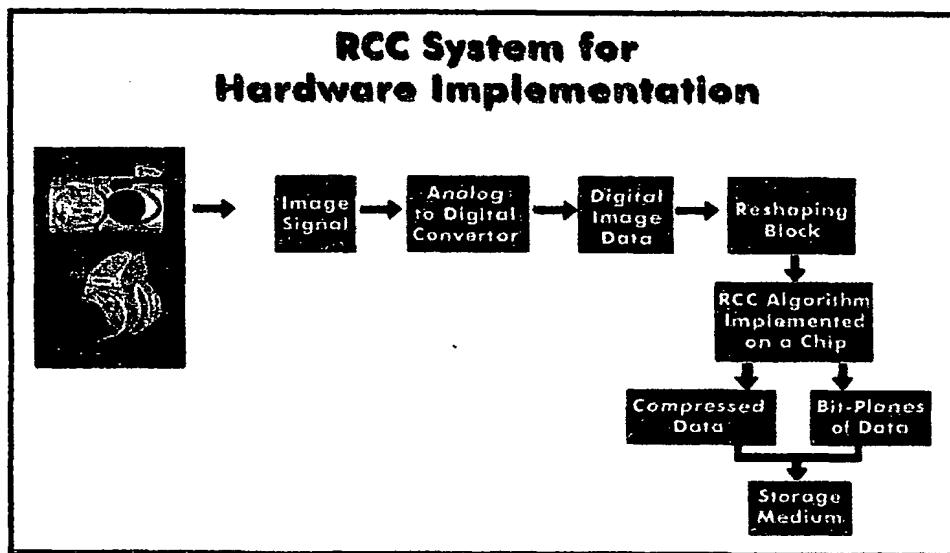
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(54) Title: REPETITION CODED COMPRESSION FOR HIGHLY CORRELATED IMAGE DATA



(57) **Abstract:** This invention is related to both a process and a system for compressing highly correlated image data. The system for compressing image and other highly correlated data comprises means for capturing the image, means for converting to digital form, means for reshaping the data, means for encoding the repetitions, means for storing the compressed data and means for retrieving the data. The method for compressing image and other highly correlated data comprises of steps like capturing the image, converting into digital form, reshaping the data into matrix form, encoding the repetitions into a bit-plane index and stored data values, storing the compressed data in storage memory and retrieving the data for decompression. The system and method for compressing image and other highly correlated data is described in the description and illustrated by the way of drawings.

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